



Positioning Wilmington to remain a premier destination for...

community

culture

recreation

leisure

arts

business

history

families

tourism

retirement

Transportation Bond Update

February 7, 2020

Presentation Outline

- Overview
- *Project Status:* Pending
- *Project Status:* Planning
- *Project Status:* Design
- *Project Status:* Right-of-Way
- *Project Status:* Construction
- *Project Status:* Complete
- Questions

Overview



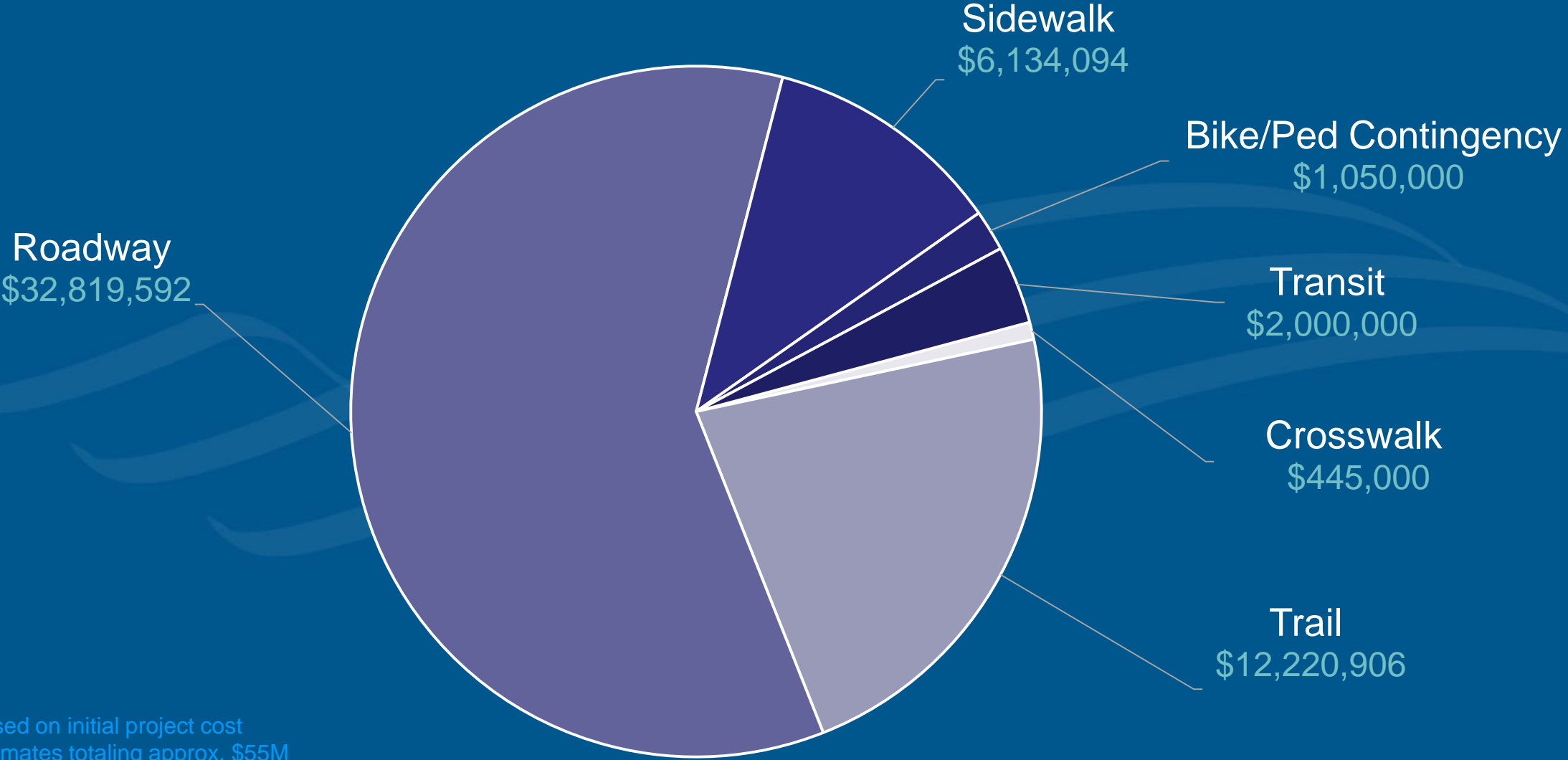
W^{CITY OF}
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2014 Transportation Bond

Project Status: Jan-2020



Eastwood Rd Access Mgmt: Phases 1 & 2 considered seperately
Crosswalk: Holly Tree & College Rd: xfr'd to STP-DA/4SW200 08/18/15

Funding by Project Type



Based on initial project cost estimates totaling approx. \$55M

Overview

Roadway

Eastwood Rd Access Management

Carolina Beach Rd Streetscape

North Front St Streetscape

Dawson & Wooster Streetscape

Love Grove Memorial Bridge

Hurst Drive Extension

Pine Grove Dr/Macmillan Ave Intersection

Oleander Dr/Pine Grove Dr Realignment

Racine Dr at New Center Right Turn Lane

Wrightsville Ave/Wallace Ave Roundabout

Pine Grove Dr/Greenville Loop Roundabout

Pine Grove Dr/Holly Tree Rd Roundabout

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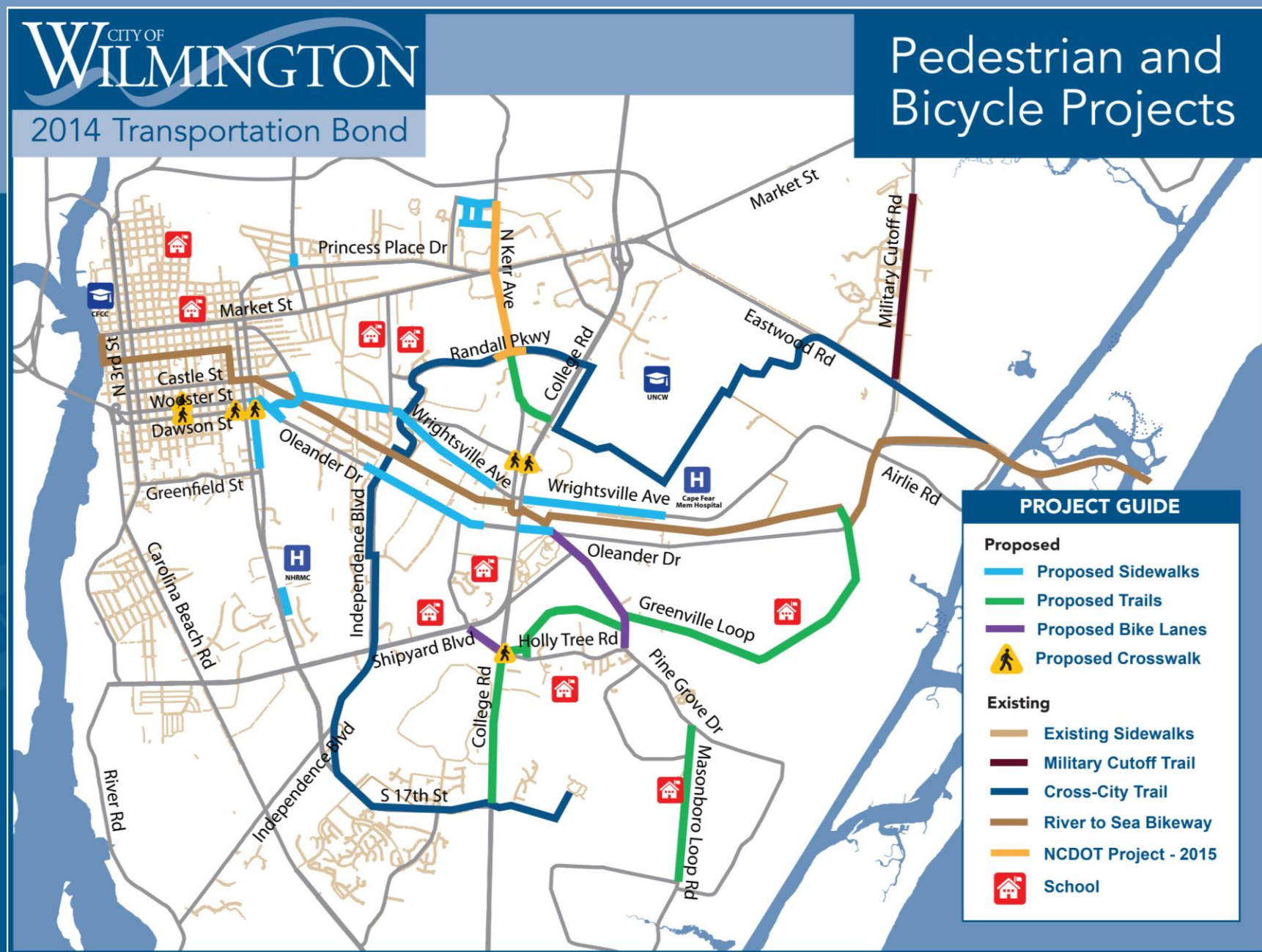
Road Improvements



Overview

Sidewalk

Oleander Dr: Hawthorne Rd to 42nd St
Wrightsville Ave: Castle St to Independence
Oleander Dr: Wooster St to Mimosa Pl
Dawson St: Wrightsville Ave to Oleander Dr
Wrightsville Ave: College Rd to Hawthorne
Wrightsville Ave: 44th St to Independence
17th St: Wooster St o Greenfield St
Oleander Dr: Pine Grove Dr to College Rd
North 23rd St: Princess Pl to Belvedere Dr
Delaney Ave: Wellington Ave to Glen Meade
McClelland Dr: Saint Rosea Rd to N Kerr Ave
Fairlawn Dr: Barclay Hills Dr to Kerr Ave
Clover Rd: Fairlawn Dr to McClelland Dr
Gleason Rd: Fairlawn Dr to McClelland Dr



Overview

Crosswalk

Kerr Ave & Wilshire Blvd

16th Street & Dawson Street

College Rd & Wilshire Blvd

8th Street & Dawson Street

8th Street & Wooster Street

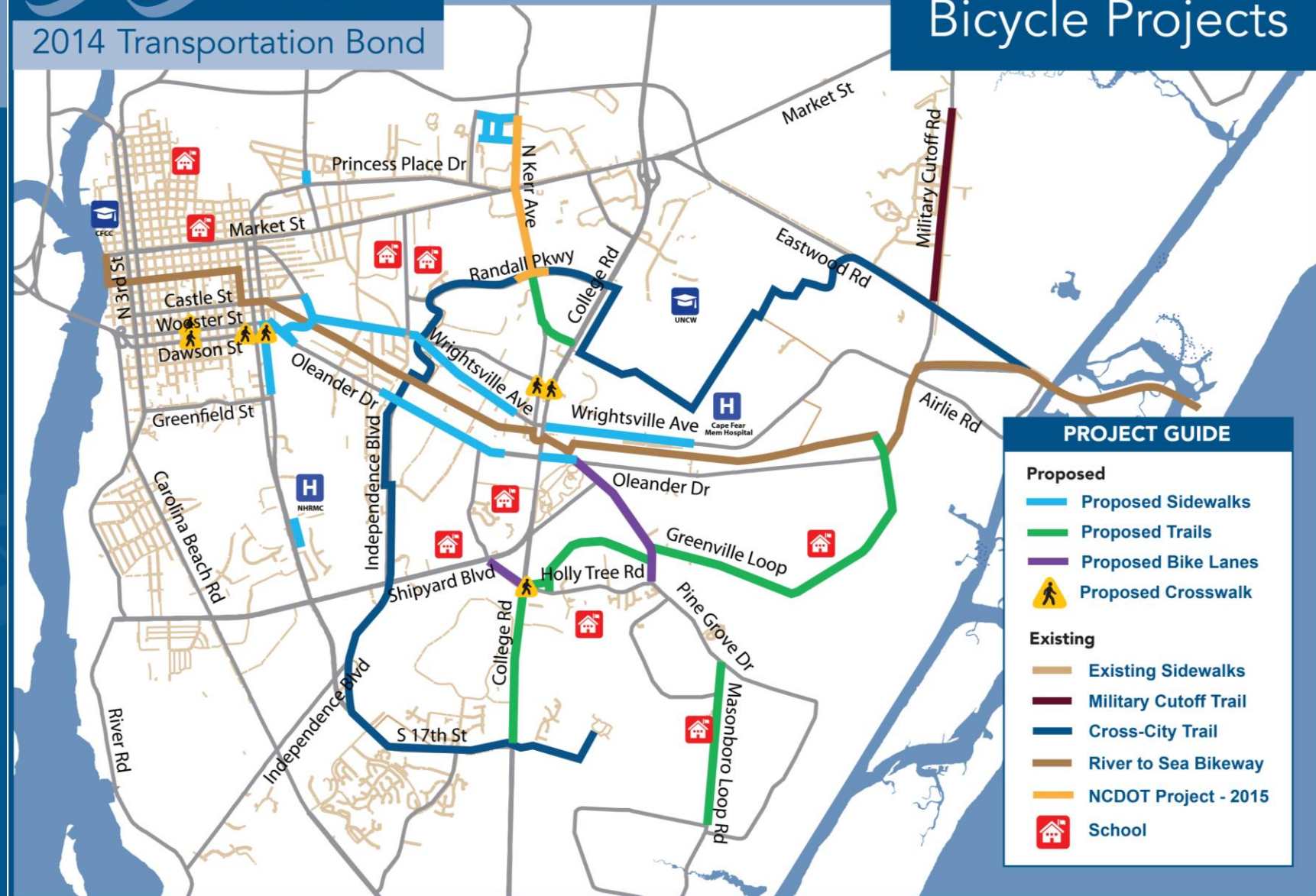
17th Street & Dawson Street

Holly Tree & College Road

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Pedestrian and Bicycle Projects



Overview

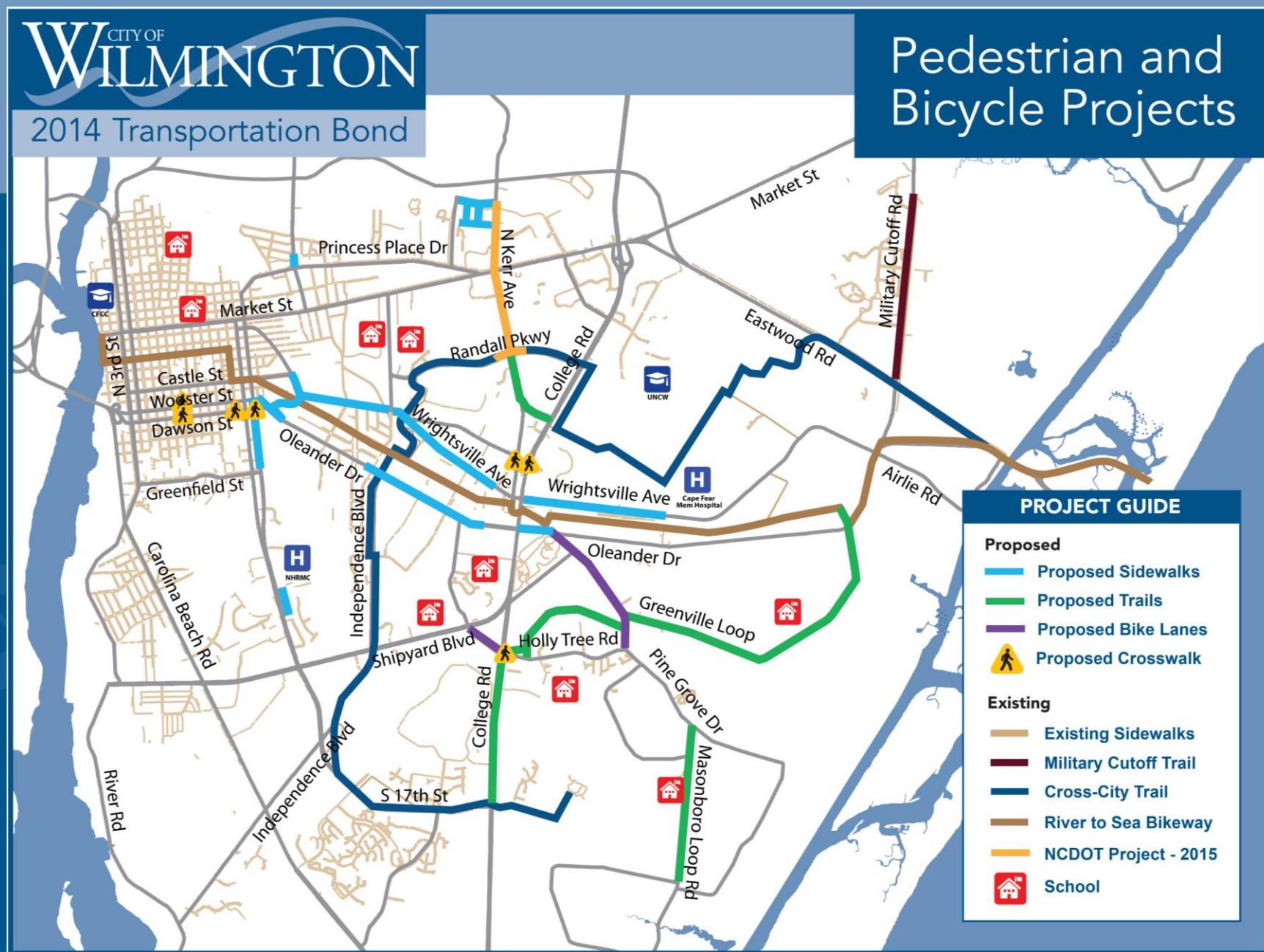
Multi-Use Path

Greenville Loop Trail

Kerr Avenue Trail

Central College Trail

Masonboro Loop Trail



Project Starts

Project Start



Ahead of Original Schedule



On Original Schedule



Behind Original Schedule

Project Name	Project Phase	Start (Orig)	Start (Adjusted)	Schedule Status
<i>All projects started</i>	Pending	N/A	N/A	N/A
Roadway: Hurst Dr Extension (Kerr Ave/College Rd)	Planning	2017	2016	▲
Intersection: Racine Dr at New Center Dr Right Turn Lane	Design	2020	2018	▲
Trail: Greenville Loop Rd (College Rd/Wrightsville Ave)	Design	2020	2019	▲
Trail: Kerr Ave (Randall Pkwy/College Rd)	Design	2016	2016	■
Streetscape: North Front St (Chestnut St/Walnut St)	Design	2020	2019	▲
Sidewalk: 17th St (Wooster St/Greenfield St)	Design	2017	2018	▼
Crosswalk: 16th St & Dawson St	Design	2016	2018	▼
Crosswalk: 17th St & Dawson St	Design	2016	2018	▼
Intersection: Oleander Dr & Pine Grove Dr Realignment	Design	2019	2016	▲
Intersection: Pine Grove Dr at MacMillan Ave	Design	2019	2016	▲
Intersection: Pine Grove Dr at Greenville Loop Rd	Design	2018	2016	▲
Intersection: Pine Grove Dr at Holly Tree Rd	Design	2018	2016	▲
Streetscape: Dawson St & Wooster St	Design	2015	2015	■
Crosswalk: 8th St & Dawson St	Design	2015	2015	■
Crosswalk: 8th St & Wooster St	Design	2015	2015	■
Sidewalk: Oleander Dr #1 (Hawthorne Rd/42nd Ave)	Design	2017	2017	■
Sidewalk: Oleander Dr #3 (Wooster St/Mimosa Pl)	Design	2017	2016	▲
Roadway: Eastwood Rd Access Management (Phase 2)	Design	2020	2016	▲
Streetscape: Carolina Beach Road (Burnett Blvd/Shipyards Blvd)	Design	2020	2015	▲
Trail: Masonboro Loop Rd (Pine Grove Dr/Navaho Trail)	Design	2016	2016	■
Sidewalk: Wrightsville Ave #2 (Castle St/Independence Blvd)	Design	2018	2018	■
Intersection: Wrightsville Ave at Wallace Ave	Design	2018	2016	▲
Sidewalk: Wrightsville Ave #1 (44th St/Independence Blvd)	Design	2018	2017	▲
Sidewalk: Wrightsville Ave #3 (College Rd/Hawthorne Dr)	Design	2018	2017	▲
Roadway: Eastwood Rd Access Management (Phase 1)	Construction	2020	2015	▲
Sidewalk: Oleander Dr #2 (Pine Grove Dr/College Rd)	Complete	2019	2017	▲
Trail: College Rd (Holly Tree Rd/South 17th St)	Complete	2015	2015	■
Sidewalk: Delaney Ave (Wellington Ave/Glen Meade Rd)	Complete	2019	2017	▲
Sidewalk: Fairlawn Dr (Barclay Hills Dr/Kerr Ave)	Complete	2015	2015	■
Sidewalk: Clover Road (Fairlawn Dr/McClelland Dr)	Complete	2015	2015	■
Sidewalk: McClelland Dr (Saint Rosea Rd/Kerr Ave)	Complete	2015	2015	■
Sidewalk: Gleason Rd (Fairlawn Dr/McClelland Dr)	Complete	2015	2015	■
Sidewalk: North 23rd St (Princess Pl/Belvedere Dr)	Complete	2016	2015	▲
Sidewalk: Dawson St Sidewalk (Wrightsville Ave/Oleander Dr)	Complete	2015	2015	■
Crosswalk: Kerr Ave & Wilshire Blvd	Complete	2016	2015	▲
Crosswalk: College Rd & Wilshire Blvd	Complete	2016	2015	▲
Roadway: Love Grove Memorial Bridge	Complete	2015	2015	■

Pending

- **Funded**
- **Project Schedule**
- **Resource Allocation**

All projects have been started...

Planning

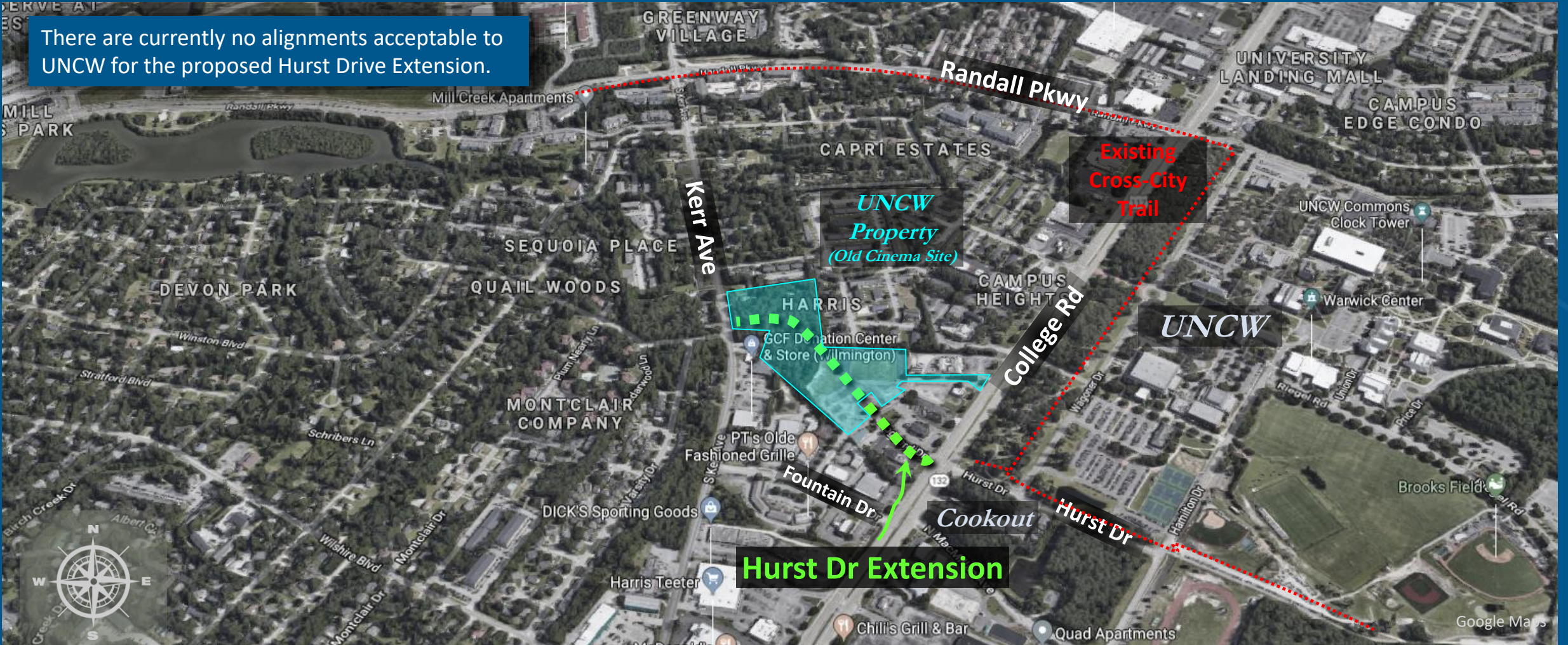
- Project Scope
- Agreements
 - NCDOT*
 - UNCW*
 - CFPUA*
 - CSX*
 - Developer*
- Feasibility Study
- Alternatives Analysis

Hurst Drive Extension

Hurst Drive Extension: Kerr Avenue to College Road

Status Planning
Budget \$4,287,303

Phase	Estimated Schedule
Planning	✓ 2015 (3 rd Qtr)
Design	Suspended
Right-of-Way	Suspended
Construction	Suspended
Complete	Suspended



Design

- Consulting Engineer Contract
- City Council Award
- Surveying
- Schematic Design
- Design Development
- Permitting & Approvals
- Construction Documents

Kerr Avenue Trail

Kerr Avenue Trail: Patrick Avenue to College Road

Status

Design

Budget

\$907,439

Phase	Estimated Schedule
Planning	✓ 2015 (3 rd Qtr)
Design	✓ 2020 (1 st Qtr)
Right-of-Way	N/A
Construction	2021 (3 rd Qtr)
Complete	2023 (2 nd Qtr)

The 0.7-mile Kerr Ave Trail provides an additional connection to UNCW across College Rd to improve safety and mobility for pedestrians and bicyclists.

02/05/2020 UNCW Chief of Staff indicated preference for an alignment (modified Concept 6).



North Front St. Streetscape

Chestnut Street to Walnut Street

Status Design
Budget \$1,700,000

Phase	Estimated Schedule
Planning	✓ 2019 (2 nd Qtr)
Design	✓ 2020 (2 nd Qtr)
Right-of-Way	N/A
Construction	2021 (3 rd Qtr)
Complete	2022 (4 th Qtr)

Street furnishings, granite curbing, decorative sidewalks, street lighting, benches, waste receptacles, street trees, landscaping, & bicycle racks



Coordinated with impending work on Water Street
River Place Elevated Walkway, USCG Bulkhead, Bijou Park,
Chestnut/Grace Streetscapes, Water Street/Riverfront Park

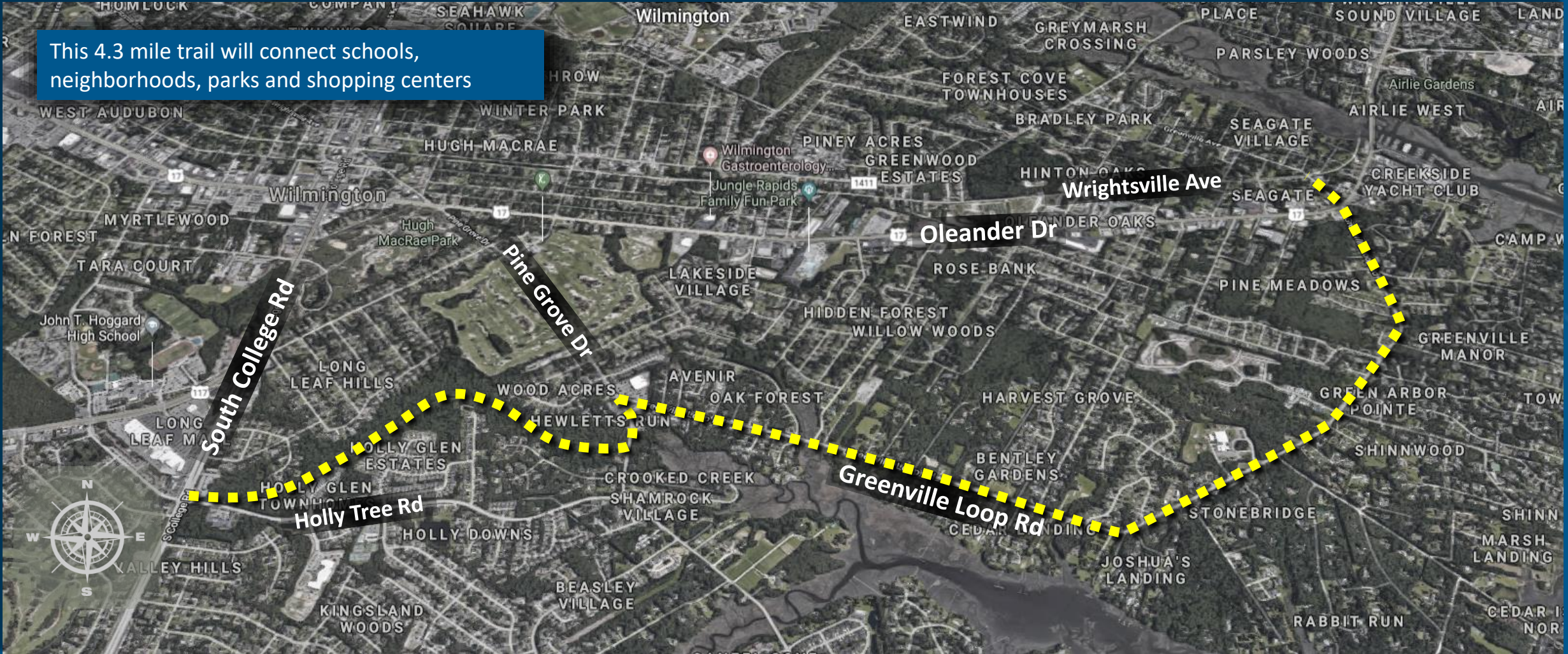
Greenville Loop Trail

College Road to Park Avenue

Status Design
Budget \$6,858,057

Phase	Estimated Schedule	
Planning	✓	N/A
Design	✓	2020 (1 st Qtr)
Right-of-Way		2021 (4 th Qtr)
Construction		2022 (2 nd Qtr)
Complete		2023 (4 th Qtr)

This 4.3 mile trail will connect schools, neighborhoods, parks and shopping centers



Racine Drive Right-Turn Lane

New Centre Drive Intersection

Status Design
Budget \$150,000

Phase	Estimated Schedule
Planning	✓ 2018 (2 nd Qtr)
Design	✓ 2020 (1 st Qtr)
Right-of-Way	2021 (1 st Qtr)
Construction	2021 (4 th Qtr)
Complete	2022 (4 th Qtr)

A new southbound right turn lane will increase capacity and improve safety for pedestrians, bicyclists & vehicles



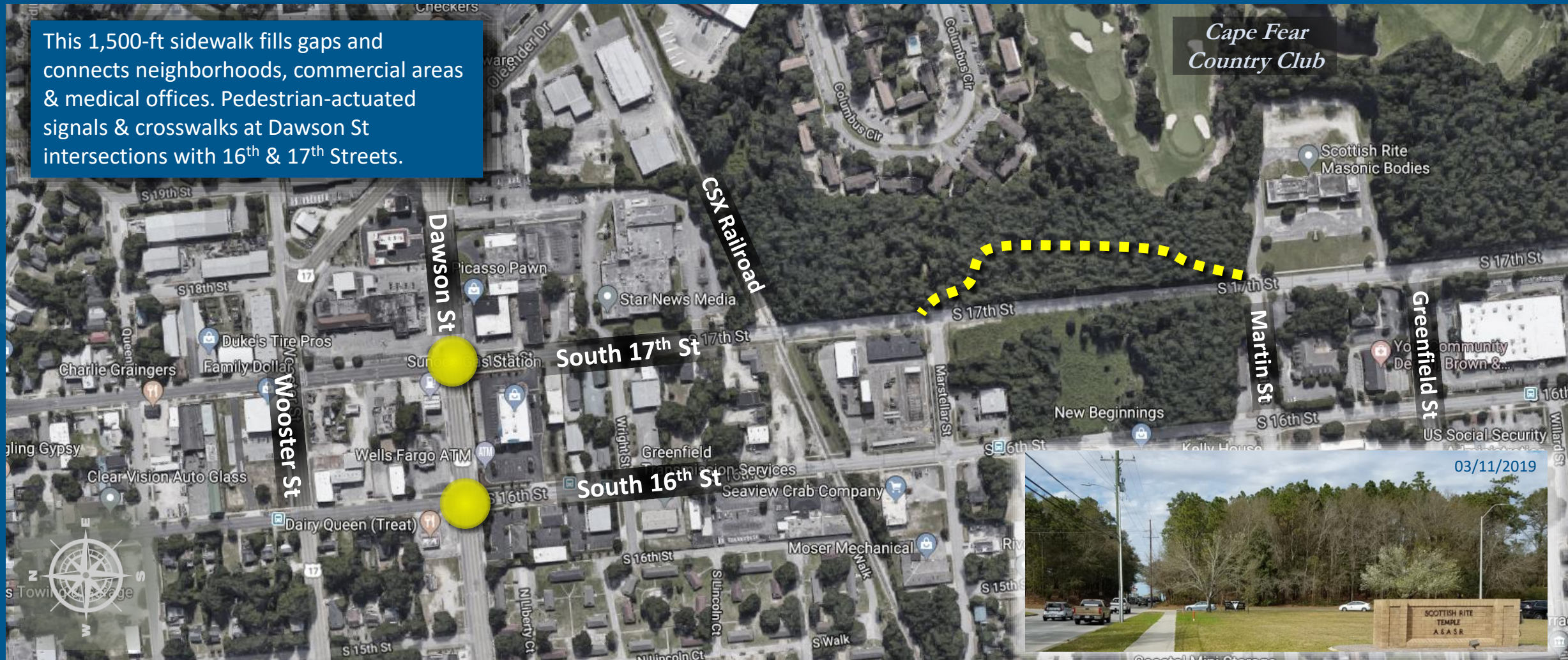
17th St Sidewalk & Dawson St Crosswalks

Wooster Street to Greenfield Street

Status Design
Budget \$385,794

Phase	Estimated Schedule
Planning	✓ 2016 (1 st Qtr)
Design	✓ 2020 (1 st Qtr)
Right-of-Way	N/A
Construction	2021 (3 rd Qtr)
Complete	2022 (3 rd Qtr)

This 1,500-ft sidewalk fills gaps and connects neighborhoods, commercial areas & medical offices. Pedestrian-actuated signals & crosswalks at Dawson St intersections with 16th & 17th Streets.



Pine Grove Drive Northern Intersections

Oleander Drive Intersection
MacMillan Avenue Intersection

Status Design
Budget \$4,600,000

Phase	Estimated Schedule
Planning	✓ 2016 (1 st Qtr)
Design	✓ 2020 (1 st Qtr)
Right-of-Way	2021 (2 nd Qtr)
Construction	2022 (1 st Qtr)
Complete	2023 (2 nd Qtr)

Realignment of skewed intersections and signalized pedestrian crossings to improve safety for pedestrians, bicyclists & vehicles



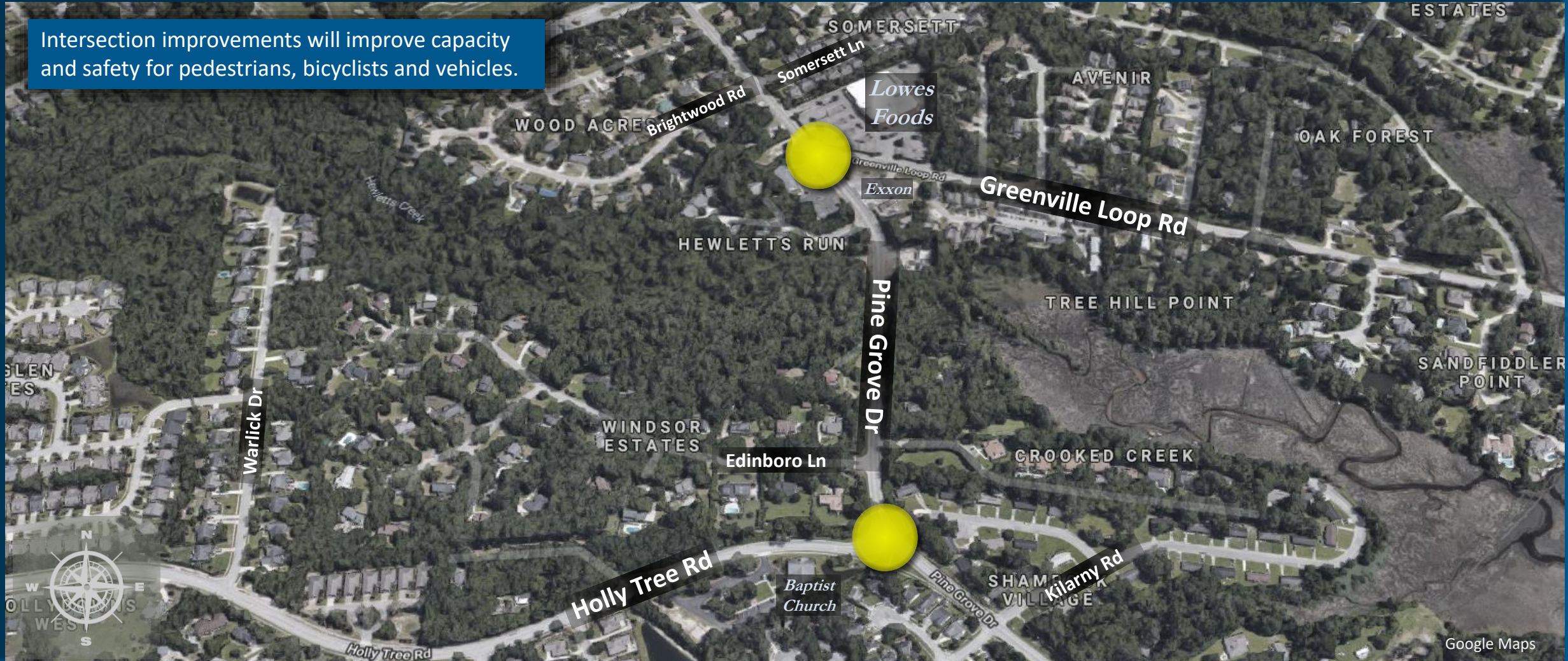
Pine Grove Drive Southern Intersections

Greenville Loop Road Intersection
Holly Tree Road Intersection

Status Design
Budget \$3,000,000

Phase	Estimated Schedule
Planning	✓ 2016 (1 st Qtr)
Design	✓ 2020 (1 st Qtr)
Right-of-Way	2021 (2 nd Qtr)
Construction	2022 (1 st Qtr)
Complete	2023 (2 nd Qtr)

Intersection improvements will improve capacity and safety for pedestrians, bicyclists and vehicles.



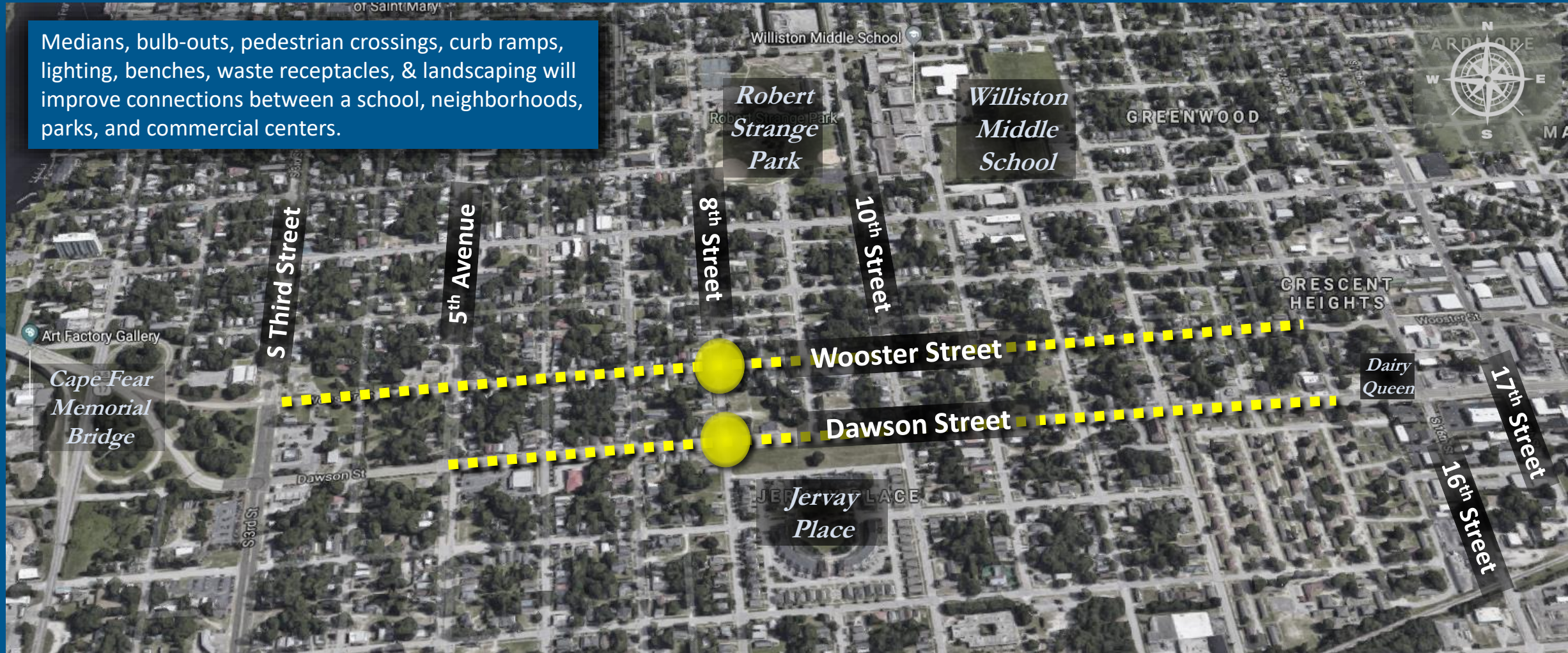
Dawson & Wooster Streetscape

South Third Street to 15th Street
8th Street Crosswalks

Status Design
Budget \$1,200,000

Phase	Estimated Schedule
Planning	✓ 2015 (3 rd Qtr)
Design	✓ 2019 (2 nd Qtr)
Right-of-Way	N/A
Construction	2020 (3 rd Qtr)
Complete	2021 (4 th Qtr)

Medians, bulb-outs, pedestrian crossings, curb ramps, lighting, benches, waste receptacles, & landscaping will improve connections between a school, neighborhoods, parks, and commercial centers.



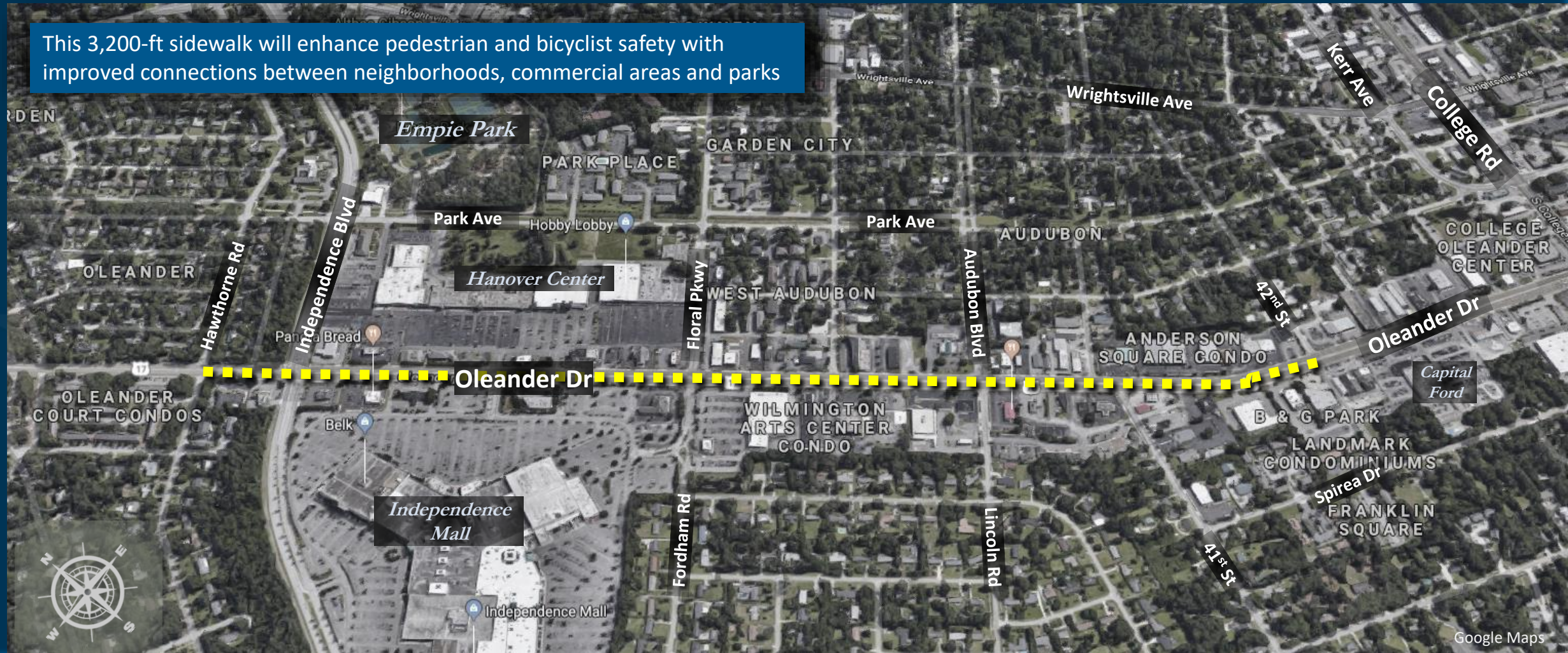
Oleander Drive Sidewalk #1

Hawthorne Rd to 42nd Avenue

Status Design
Budget \$635,330

Phase	Estimated Schedule
Planning	✓ 2015 (3 rd Qtr)
Design	✓ 2017 (1 st Qtr)
Right-of-Way	2020 (3 rd Qtr)
Construction	2021 (2 nd Qtr)
Complete	2022 (2 nd Qtr)

This 3,200-ft sidewalk will enhance pedestrian and bicyclist safety with improved connections between neighborhoods, commercial areas and parks



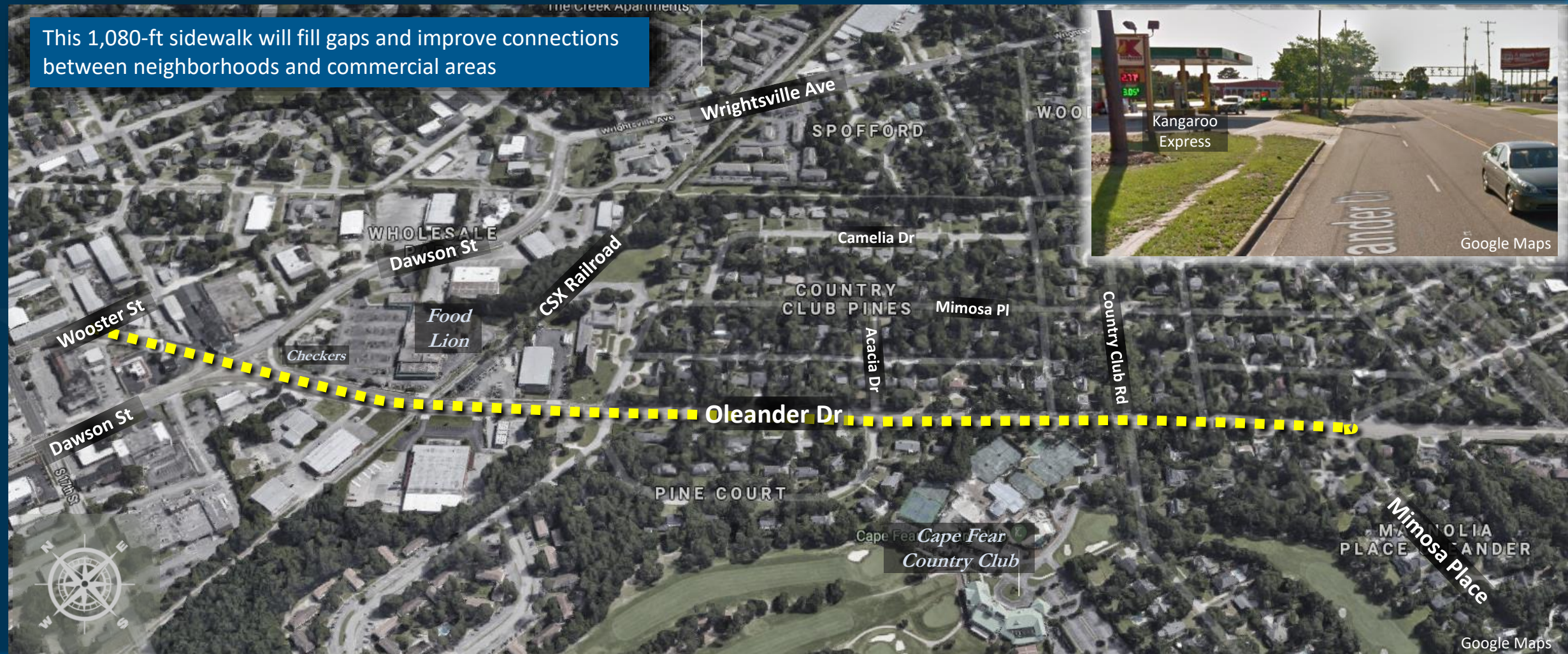
Oleander Drive Sidewalk #3

Wooster Street to Mimosa Place

Status Design
Budget \$224,060

Phase	Estimated Schedule
Planning	✓ 2015 (3rd Qtr)
Design	✓ 2016 (1st Qtr)
Right-of-Way	2020 (3rd Qtr)
Construction	2021 (2nd Qtr)
Complete	2022 (2nd Qtr)

This 1,080-ft sidewalk will fill gaps and improve connections between neighborhoods and commercial areas



Eastwood Rd Access Mgmt: Phase 2

Rogersville Road to Town Center Drive

Status Design

Budget \$4,900,000
Phases 1 & 2

Phase	Estimated Schedule
Planning	✓ 2016 (4 th Qtr)
Design	✓ 2019 (4 th Qtr)
Right-of-Way	N/A
Construction	2021 (1 st Qtr)
Complete	2022 (1 st Qtr)

Medians with traffic signals, directional left-over and U-turn movements to improve mobility and safety



Carolina Beach Rd Streetscape

Burnett Boulevard to Shipyard Boulevard



Status Design (City-Portion)

Budget \$4,300,000

Phase	Estimated Schedule
Planning	✓ 2015 (4 th Qtr)
Design	✓ 2018 (3 rd Qtr)
Right-of-Way	FY19 (NCDOT)
Construction	FY22 (NCDOT)
Complete	FY25 (NCDOT)

Aesthetic and safety enhancements under NCDOT U-5729 including landscaping and turn lanes. This arterial roadway serves as the primary truck route from the Cape Fear Memorial Bridge to the NCSPA facilities. Truck volume is approximately 13% of total traffic volume.



Cape Fear Memorial Bridge

Greenfield Lake

Medical Center Dr
NOREN HILLS

Legion Stadium

PINECREST TERRACE

WOODLAWN

Burnette Blvd

Carolina Beach Rd

Tennessee Ave

Central Blvd

Southern Blvd

SHIPYARD PLAZA

Roses & Harbor Freight

SOUTH WILMINGTON PLACE

Shipyard Blvd

SUNSET SOUTH
S & W Ready



NCDOT U-5720 : Improve vehicular & pedestrian safety, relieve congestion, and landscaped median. (\$10, 206,000)



State Port

Masonboro Loop Trail

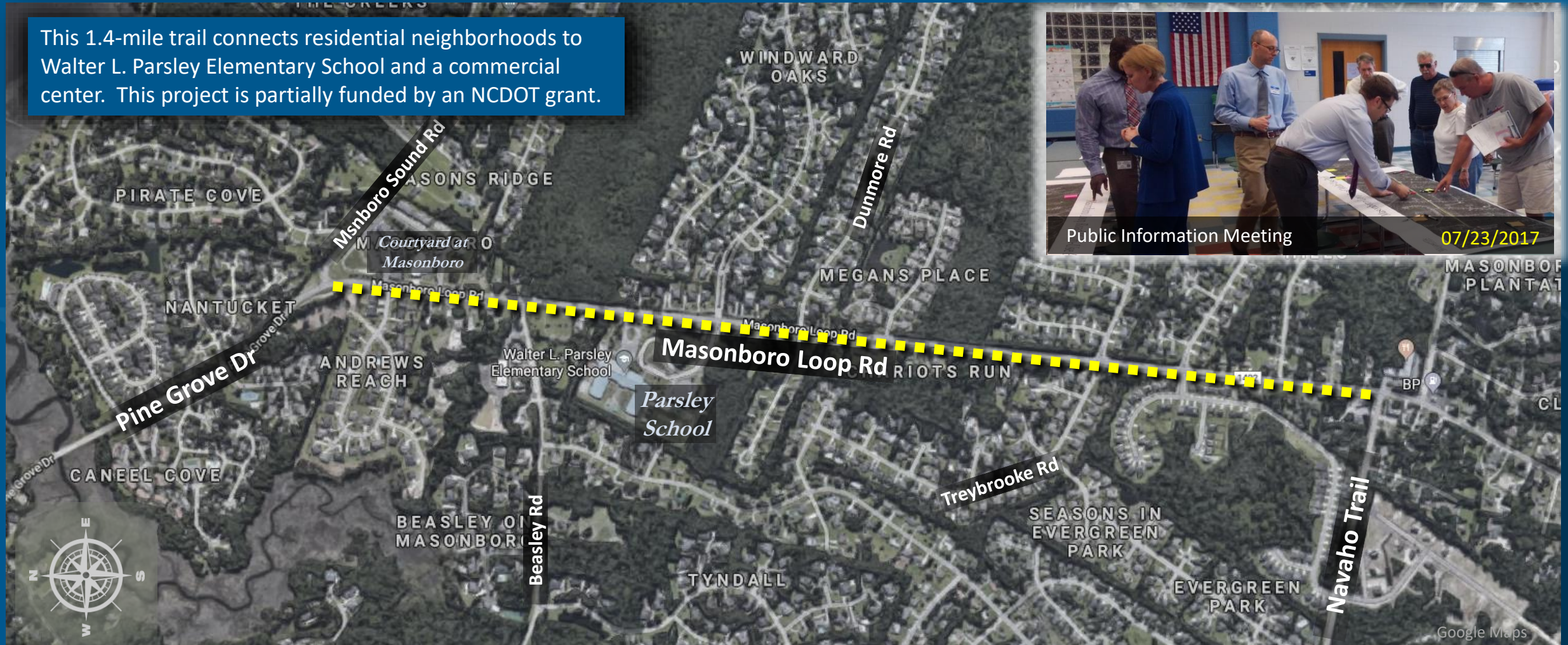
Pine Grove Drive to Navaho Trail

Status Design

Budget \$2,982,142

Phase	Estimated Schedule	
Planning	✓	N/A
Design	✓	2016 (2 nd Qtr)
Right-of-Way		2019 (3 rd Qtr)
Construction		2020 (3 rd Qtr)
Complete		2022 (1 st Qtr)

This 1.4-mile trail connects residential neighborhoods to Walter L. Parsley Elementary School and a commercial center. This project is partially funded by an NCDOT grant.



Wrightsville Avenue Sidewalk #2

Castle Street to Independence Blvd

Status Design

Budget \$174,757

Phase	Estimated Schedule	
Planning	✓	N/A
Design	✓	2017 (2 nd Qtr)
Right-of-Way		N/A
Construction		2020 (3 rd Qtr)
Complete		2021 (3 rd Qtr)

This 630-ft sidewalk gap project will provide continuity for pedestrians to connect neighborhoods with commercial centers



Wrightsville Ave Roundabout & Sidewalks

Wallace Avenue Intersection

44th Street to Independence Blvd (Sidewalk #1)

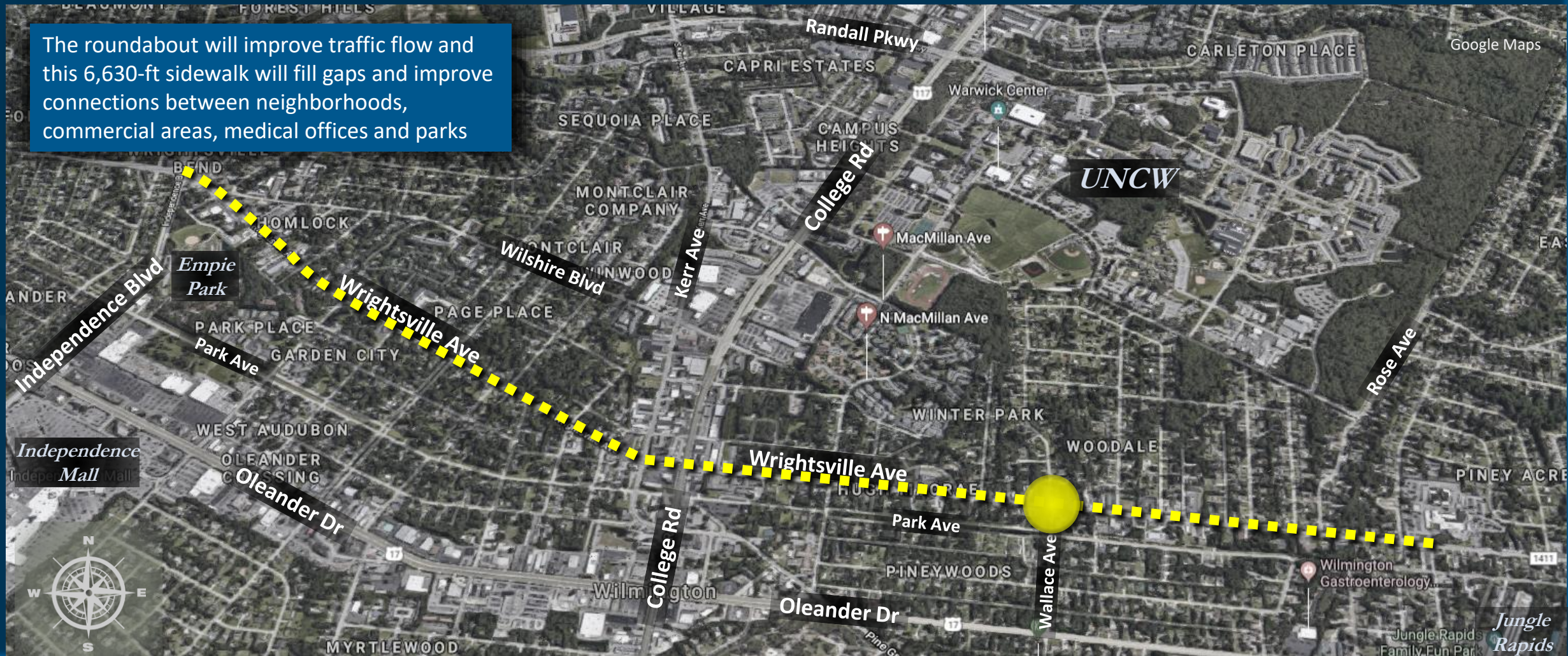
College Road to Hawthorne Road (Sidewalk #3)

Status Design

Budget \$3,629,207

Phase	Estimated Schedule	
Planning	✓	2016 (1 st Qtr)
Design	✓	2019 (1 st Qtr)
Right-of-Way		2020 (3 rd Qtr)
Construction		2021 (3 rd Qtr)
Complete		2022 (4 th Qtr)

The roundabout will improve traffic flow and this 6,630-ft sidewalk will fill gaps and improve connections between neighborhoods, commercial areas, medical offices and parks



Right-of-Way

- Easement Maps
- Survey Stakeout
- Property Owner Negotiation
- Compile Bid Documents
- Interagency Approval

Eastwood Rd Access Mgmt: Phase 3

Town Center Drive to Military Cutoff Road

(NCDOT project included for advisory purposes only)



Status Right-of-Way
Budget NCDOT

Phase	Estimated Schedule
Planning	✓ FY16 (NCDOT)
Design	✓ FY18 (NCDOT)
Right-of-Way	✓ FY19 (NCDOT)
Construction	FY22 (NCDOT)
Complete	FY24 (NCDOT)



Construction

- Bid Advertisement
- Review of Bids
- Interagency Concurrence for Award
- City Council Award
- Construction Contract Routing
- Notice to Proceed
- Construction
- Releases of Surety & Liens
- Final Payment

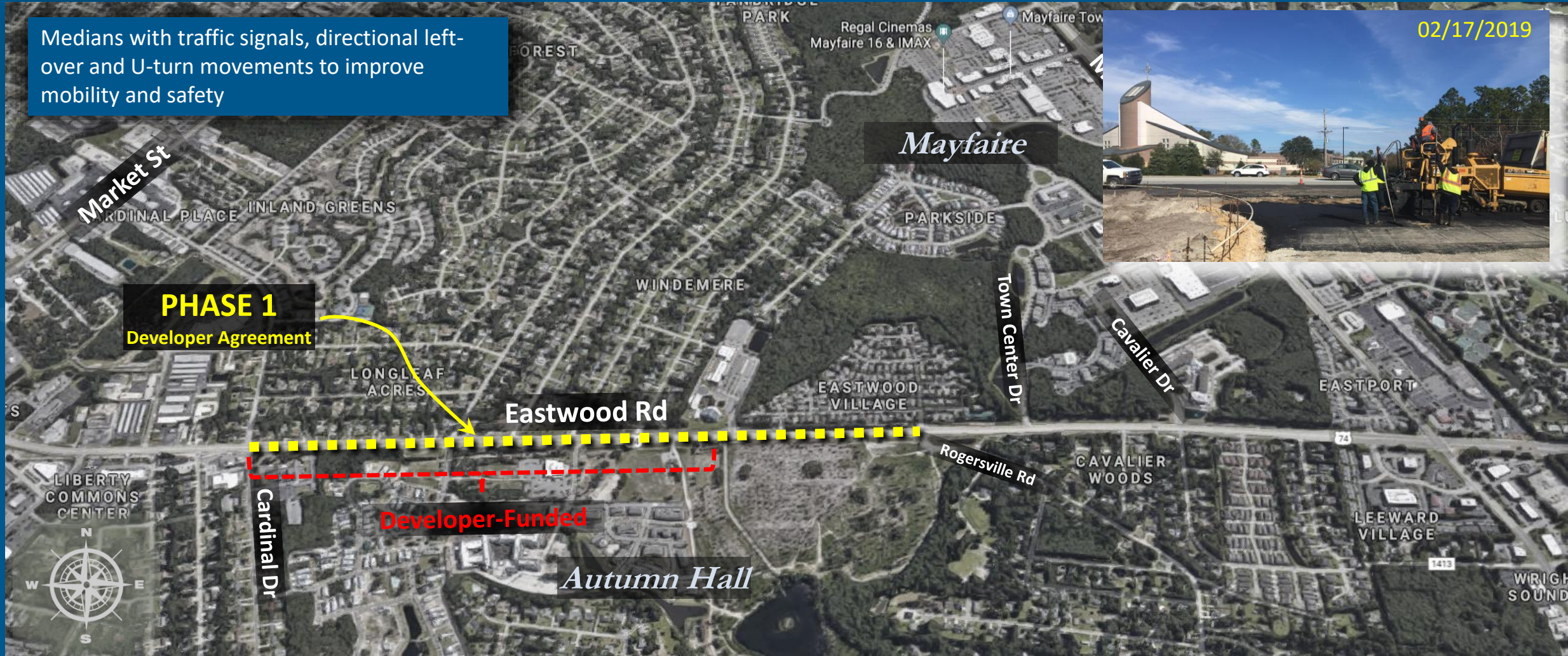
Eastwood Rd Access Mgmt: Phase 1

Cardinal Drive to Rogersville Road

Status Construction
Budget \$4,900,000
Phases 1 & 2

Phase	Estimated Schedule
Planning	✓ 2015 (2 nd Qtr)
Design	✓ 2016 (4 th Qtr)
Right-of-Way	✓ N/A
Construction	✓ 2018 (2 nd Qtr)
Complete	2020 (2 nd Qtr)

Medians with traffic signals, directional left-over and U-turn movements to improve mobility and safety



Complete

- Warranty Period
- Project Close-out
- Archiving

Central College Trail

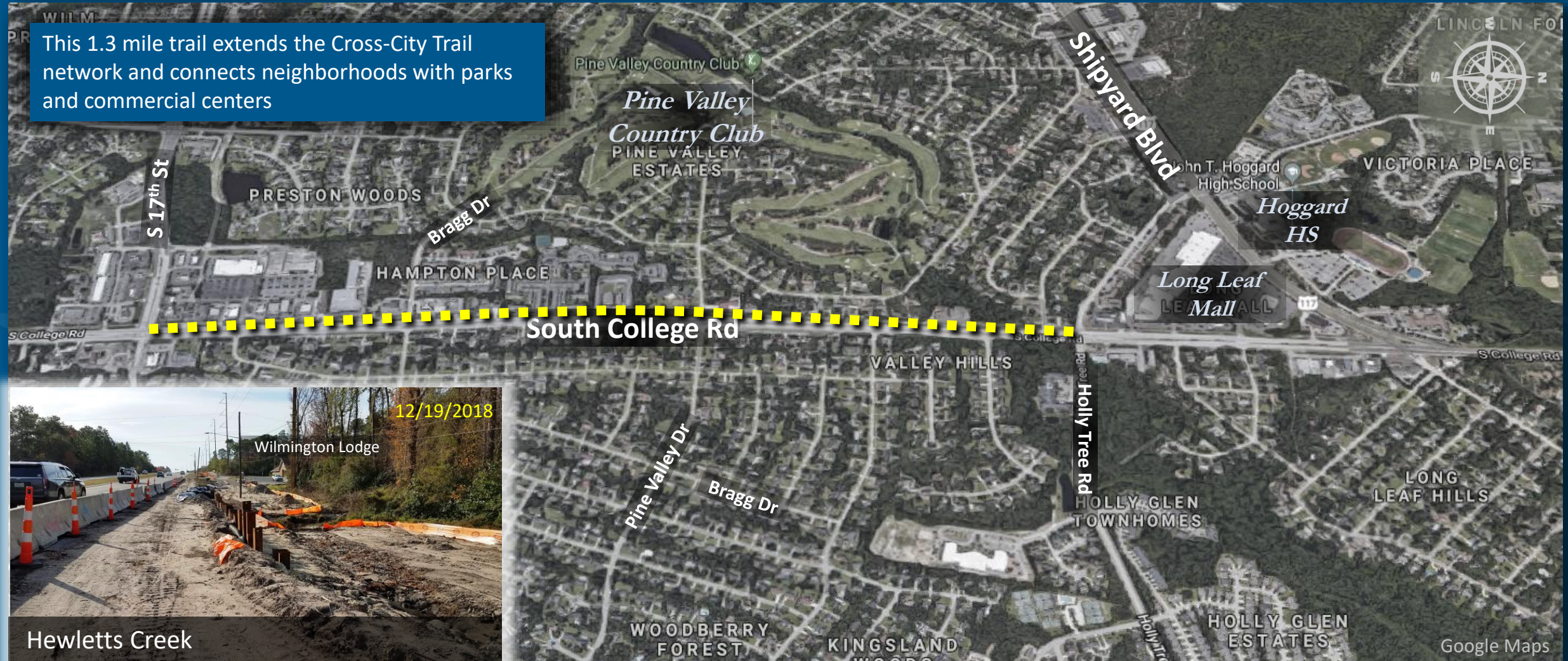
Holly Tree Road to South 17th Street

Status Complete

Budget \$1,930,259

Phase	Estimated Schedule	
Planning	✓	N/A
Design	✓	2015 (4 th Qtr)
Right-of-Way	✓	2017 (4 th Qtr)
Construction	✓	2018 (1 st Qtr)
Complete	✓	2020 (1 st Qtr)

This 1.3 mile trail extends the Cross-City Trail network and connects neighborhoods with parks and commercial centers



Hewletts Creek

Oleander Drive Sidewalk #2

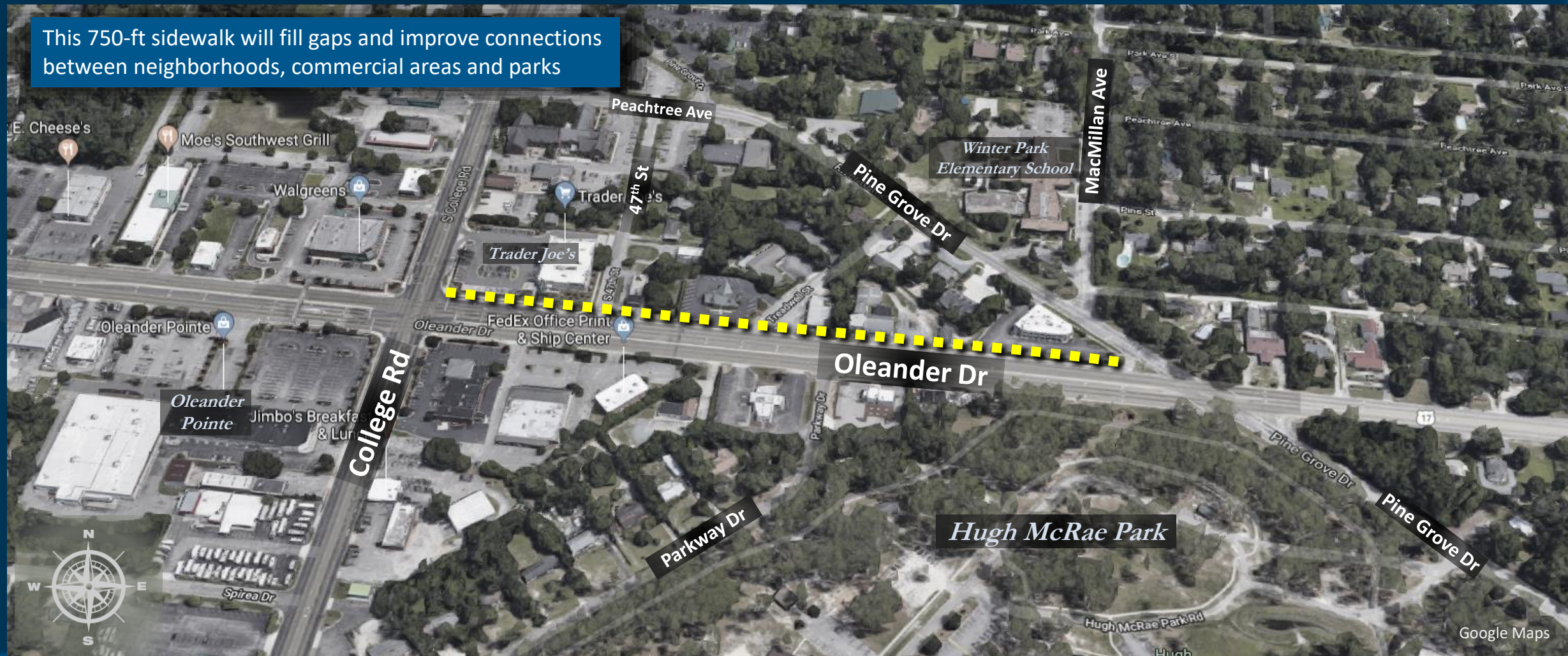
Pine Grove Drive to College Road

Status Complete

Budget \$177,786

Phase	Estimated Schedule
Planning	✓ 2015 (3rd Qtr)
Design	✓ 2017 (1st Qtr)
Right-of-Way	✓ N/A
Construction	✓ 2019 (1st Qtr)
Complete	✓ 2020 (1st Qtr)

This 750-ft sidewalk will fill gaps and improve connections between neighborhoods, commercial areas and parks



Delaney Avenue Sidewalk

Wellington Avenue to Glen Meade Road

Status Complete

Budget \$173,829

Phase	Schedule	
Planning	✓	N/A
Design	✓	2015 (3 rd Qtr)
Right-of-Way	✓	N/A
Construction	✓	2017 (3 rd Qtr)
Complete	✓	2018 (1 st Qtr)

This 700-ft sidewalk connects medical offices and commercial centers



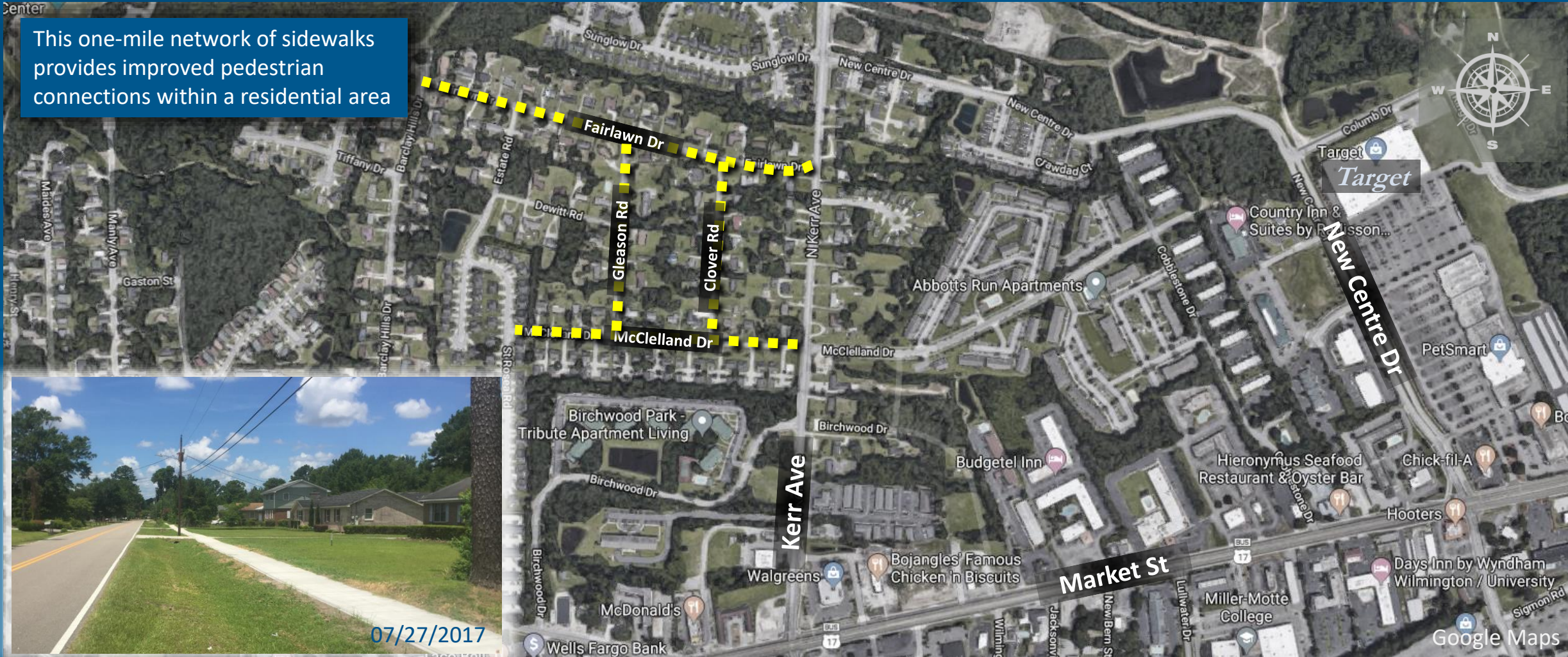
Fairlawn Area Sidewalks

- Fairlawn Dr
- McClelland Dr
- Clover Rd
- Gleason Rd

Status Complete
Budget \$2,291,983

Phase	Schedule	
Planning	✓	N/A
Design	✓	2015 (2 nd Qtr)
Right-of-Way	✓	N/A
Construction	✓	2016 (3 rd Qtr)
Complete	✓	2017 (4 th Qtr)

This one-mile network of sidewalks provides improved pedestrian connections within a residential area



North 23rd St Sidewalk

Princess Place Dr to Belvedere Dr

Status Complete

Budget \$48,939

Phase	Schedule	
Planning	✓	N/A
Design	✓	2015 (3 rd Qtr)
Right-of-Way	✓	N/A
Construction	✓	2016 (3 rd Qtr)
Complete	✓	2016 (4 th Qtr)

This 400-ft sidewalk will provide improved connectivity along a well-traveled pedestrian route



Dawson St Sidewalk

Wrightsville Ave to Oleander Dr

Status Complete

Budget \$42,410

Phase	Schedule	
Planning	✓	N/A
Design	✓	2015 (2 nd Qtr)
Right-of-Way	✓	N/A
Construction	✓	2015 (2 nd Qtr)
Complete	✓	2015 (3 rd Qtr)

This 260-ft sidewalk completes the Dawson Street pedestrian connection



Google Maps

Wilshire Blvd Crosswalk

Kerr Ave Intersection

Status Complete

Budget \$45,000

Phase	Schedule	
Planning	✓	N/A
Design	✓	2016 (1 st Qtr)
Right-of-Way	✓	N/A
Construction	✓	2016 (2 nd Qtr)
Complete	✓	2016 (4 th Qtr)



Before

Google Maps



After

11/08/2016

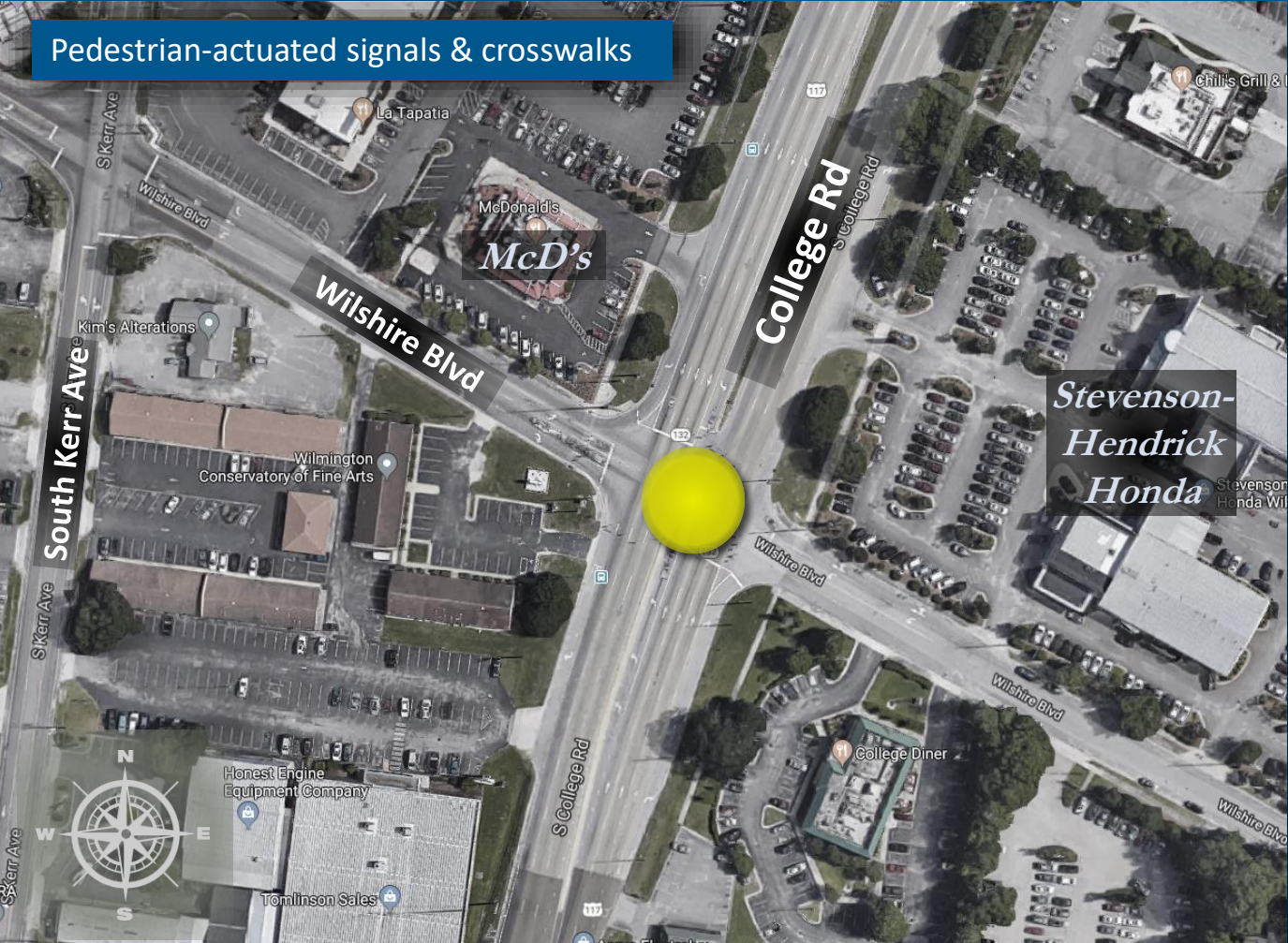
Wilshire Blvd Crosswalk

College Rd Intersection

Status Complete

Budget \$43,000

Phase	Schedule	
Planning	✓	N/A
Design	✓	2016 (2 nd Qtr)
Right-of-Way	✓	N/A
Construction	✓	2016 (4 th Qtr)
Complete	✓	2018 (3 rd Qtr)



Love Grove Memorial Bridge

Stanley Street to One Tree Hill Way

Status Complete

Budget \$6,100,000

Phase	Schedule	
Planning	✓	N/A
Design	✓	2015 (1 st Qtr)
Right-of-Way	✓	2016 (3 rd Qtr)
Construction	✓	2016 (4 th Qtr)
Complete	✓	2018 (2 nd Qtr)

Additional access to the Love Grove neighborhood with a bridge over Burnt Mill Creek to One Tree Hill Way



Wilmington's Transportation Bond projects are on-track

QUESTIONS

